

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|--|------------------|---------|------------------|
| L1 | 67 | S32 and <ad@09082003 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:16 |
| | | S25 and redundant near\$! cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:03 |
| | | S25 and redundant near\$ cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 09:23 |
| | | 310/54.ccls. and cooling adj fin\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 14:17 |
| L2 | 11 | 310/54.ccls. and cooling adj fin\$1 same water | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:25 |
| L3 | 1655507 | 310/54.ccls. and quick adh coupling\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:25 |
| L4 | 0 | 310/54.ccls. and quick adj coupling\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:26 |
| L5 | 0 | 310/54.ccls. and fast adj coupling\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:26 |

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| L6 | 0 | 310/52.ccls. and fast adj coupling\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:26 |
| L7 | 0 | 310/52.ccls. and (fast or quick) adj coupling\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:26 |
| L8 | 3 | "310"/\$.ccls. and (fast or quick) adj coupling\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:28 |
| L9 | 4837056 | "310"/\$.ccls. and (fast or quick) adj coupling\$1 same cooling circuit\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:29 |
| L10 | 0 | "310"/\$.ccls. and (fast or quick) adj coupling\$1 same (cooling adj circuit\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:30 |
| L11 | 0 | "310"/\$.ccls. and (fast or quick) adj (coupling\$1 or connector\$1) same (cooling adj circuit\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 15:30 |

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| L16 | 0 | (("2006012533299") or ("604067283") or ("623140783") or ("517797877") or ("547821477") or ("573221577") or ("587596577") or ("595620377") or ("540815573") or ("547987173") or ("559203973") or ("594174473") or ("601133473") or ("604172873") or ("554627267") or ("560466267") or ("591392667") or ("439986266") or ("449319266") or ("453021866") or ("501063366") or ("534234966") or ("554054866") or ("557515066") or ("557552966") or ("566853266") or ("568029566") or ("583152566") or ("584823066") or ("589882866") or ("596944666") or ("602340266") or ("605323866") or ("609042266") or ("614121166") or ("616762166") or ("641853966") or ("656370666") or ("685354666") or ("685650866") or ("690691866") or ("691212366") or ("695634466") or ("701824966") or ("2002019904866") or ("2003020994566") or ("2004005720266") or ("2004005720366") or ("2005000941866")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/05 16:17 |
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| L17 | 1 | (("20060125332") or ("604067283") or ("623140783") or ("517797877") or ("547821477") or ("573221577") or ("587596577") or ("595620377") or ("540815573") or ("547987173") or ("559203973") or ("594174473") or ("601133473") or ("604172873") or ("554627267") or ("560466267") or ("591392667") or ("439986266") or ("449319266") or ("453021866") or ("501063366") or ("534234966") or ("554054866") or ("557515066") or ("557552966") or ("566853266") or ("568029566") or ("583152566") or ("584823066") or ("589882866") or ("596944666") or ("602340266") or ("605323866") or ("609042266") or ("614121166") or ("616762166") or ("641853966") or ("656370666") or ("685354666") or ("685650866") or ("690691866") or ("691212366") or ("695634466") or ("701824966") or ("2002019904866") or ("2003020994566") or ("2004005720266") or ("2004005720366") or ("2005000941866")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/05 16:18 |
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| L18 | 50 | (("20020199048") or ("20030209945") or ("20040057202") or ("20040057203") or ("20050009418") or ("20050052164") or ("20060125332") or ("4399862") or ("4493192") or ("4530218") or ("5010633") or ("5177978") or ("5342349") or ("5408155") or ("5478214") or ("5479871") or ("5540548") or ("5546272") or ("5575150") or ("5575529") or ("5592039") or ("5604662") or ("5668532") or ("5680295") or ("5732215") or ("5831525") or ("5848230") or ("5875965") or ("5898828") or ("5913926") or ("5941744") or ("5956203") or ("5969446") or ("6011334") or ("6023402") or ("6040672") or ("6041728") or ("6053238") or ("6090422") or ("6141211") or ("6167621") or ("6231407") or ("6418539") or ("6563706") or ("6853546") or ("6856508") or ("6906918") or ("6912123") or ("6956344") or ("7018249")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/05 16:18 |
| S1 | 1 | ("H000900").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 12:54 |
| S2 | 2 | ("20060125332").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/29 12:54 |
| S3 | 1 | 2004-348767.NRAN. | DERWENT | OR | ON | 2007/08/30 14:46 |
| S4 | 3 | (("20050009418") or ("20030141769") or ("0484539")). PN. | US-PGPUB; USPAT | OR | OFF | 2007/08/30 15:09 |
| S5 | 1 | ("2005/0009418").URPN. | USPAT | OR | ON | 2007/08/30 15:00 |

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| S6 | 13 | ("20040248479" "20050009418" "20050042944" "3229133" "3579005" "3944865" "4086506" "4275323" "4385251" "4975609" "6628036").PN. OR ("7026738").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 15:08 |
| S7 | 11 | ((("3925337") or ("10000578") or ("29821326") or ("11041860"))).PN. | EPO; JPO; DERWENT | OR | OFF | 2007/08/30 15:10 |
| S8 | 22 | ((("3925337") or ("10000578") or ("29821326") or ("11041860") or ("2000175434") or ("2162377") or ("3043104") or ("9219851"))).PN. | EPO; JPO; DERWENT | OR | OFF | 2007/08/30 15:11 |
| S9 | 1 | 2000-471128.NRAN. | DERWENT | OR | ON | 2007/08/30 15:14 |
| S10 | 1 | 2000-471128.NRAN. | DERWENT | OR | ON | 2007/08/30 15:14 |
| S11 | 1717 | 310/54.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/30 15:36 |
| S12 | 992 | 310/54.ccls. | US-PGPUB; USPAT | OR | ON | 2007/08/30 15:36 |
| S13 | 2 | S12 and redundant near cool\$3 | US-PGPUB; USPAT | OR | ON | 2007/08/30 15:37 |
| S14 | 4 | S12 and redundant same cool\$3 | US-PGPUB; USPAT | OR | ON | 2007/08/30 15:38 |
| S15 | 32 | S12 and (redundant or dual) and cool\$3 | US-PGPUB; USPAT | OR | ON | 2007/08/30 15:39 |
| S16 | 39 | ("3015222" "3089969" "3306074" "3388559" "3407623" "3408828" "3422635" "3487242" "3623546" "3835663" "4182137" "4216398" "4313309" "4364241" "4611137" "4753284" "4840222" "4876470" "4896062" "4908757" "4922146" "4936112" "4959570" "5034638" "5049769" "5065058" "5091666" "5131233").PN. OR ("5271248").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 15:43 |
| S17 | 8 | ("2434221" "2456386").PN. OR ("4313309").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 16:02 |

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| S18 | 96 | (("20020199048") or ("20030209945") or ("20040057202") or ("20040057203") or ("20050009418") or ("20050052164") or ("20060125332") or ("4399862") or ("4493192") or ("4530218") or ("5010633") or ("5177978") or ("5342349") or ("5408155") or ("5478214") or ("5479871") or ("5540548") or ("5546272") or ("5575150") or ("5575529") or ("5592039") or ("5604662") or ("5668532") or ("5680295") or ("5732215") or ("5831525") or ("5848230") or ("5875965") or ("5898828") or ("5913926") or ("5941744") or ("5956203") or ("5969446") or ("6011334") or ("6023402") or ("6040672") or ("6041728") or ("6053238") or ("6090422") or ("6141211") or ("6167621") or ("6231407") or ("6418539") or ("6563706") or ("6853546") or ("6856508") or ("6906918") or ("6912123") or ("6956344") or ("7018249")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/30 16:03 |
| S19 | 1 | 1996-067824.NRAN. | DERWENT | OR | ON | 2007/08/30 16:38 |
| S20 | 13 | ("2714866" "2790098" "4578962" "4926647" "5216889" "5586437" "6389821" "6438969" "6442949" "6485339" "6553773").PN. OR ("7018249").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 16:45 |
| S21 | 20 | ("4884409" "5187938" "5606870" "5848532").PN. OR ("6442949").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 16:57 |
| S22 | 0 | submarine near redundant adj cooling adj device | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 16:58 |
| S23 | 5 | redundant adj cooling adj device | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 16:58 |
| S24 | 40 | ("3903404" "4502100" "4514746" "4758925" "5065585" "5117430" "5121291").PN. OR ("5438226").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:02 |

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| S25 | 216 | 114/334.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:13 |
| S26 | 972074 | S25 and redundant cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:02 |
| S27 | 0 | S25 and redundant adj cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:02 |
| S28 | 972234 | S25 and redundant same] cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:02 |
| S29 | 2397850 | S25 and redundant near\$1 cooling | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:03 |
| S30 | 179 | 310/54.ccls. and 310/52.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:04 |
| S31 | 5 | S30 and redundant or dual adj(cooling same circuit) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/30 17:05 |
| S32 | 2151891 | submarine and cooling and system or circuit | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 14:03 |
| S33 | 1053 | 310/52.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 10:45 |
| S34 | 414 | 310/52.ccls. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/31 11:20 |
| S35 | 992 | 310/54.ccls. | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:20 |
| S36 | 6 | ("3634705" "4472283" "4547294" "6326709" "6332979").PN. OR ("6596175"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 13:11 |
| S37 | 31 | ("4951871").PN. OR ("5537956"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 13:27 |
| S38 | 8 | ("2893218" "5265437" "5537956" "6038877" "6457324" "6640889" "6662864").PN. OR ("6901765"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 13:32 |

EAST Search History

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| S39 | 2 | ("5537956").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/31 13:32 |
| S40 | 23 | ("2970232" "3030529" "3089969" "3835919" "3968388" "4002224" "4284913" "4554501" "4717000" "4851723" "4909354" "4953663" "5034638" "5139055").PN. OR ("5196746").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 13:40 |
| S41 | 11 | ("3089969").URPN. | USPAT | OR | ON | 2007/08/31 13:45 |
| S42 | 23 | ("2970232" "3030529" "3089969" "3835919" "3968388" "4002224" "4284913" "4554501" "4717000" "4851723" "4909354" "4953663" "5034638" "5139055").PN. OR ("5196746").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 13:49 |
| S43 | 775 | submarine and cooling and system and circuit | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 14:03 |
| S44 | 23 | ("3088042" "3149478" "3150277" "3158009" "3188833" "3218825" "3388559" "3675056").PN. OR ("3805101").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 14:09 |
| S45 | 23 | ("3088042" "3149478" "3150277" "3158009" "3188833" "3218825" "3388559" "3675056").PN. OR ("3805101").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 15:51 |
| S46 | 18 | ("2343875" "3805101" "4133230" "4534686" "4580471" "5062330" "5088362").PN. OR ("5664916"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 16:08 |
| S47 | 18 | ("3318253").URPN. | USPAT | OR | ON | 2007/08/31 16:28 |
| S48 | 6 | 310/54.ccls. and main adj pump | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:08 |

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| S49 | 6 | 310/54.ccls. and main adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:11 |
| S50 | 1 | 310/54.ccls. and main adj pump\$1 and minor adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:12 |
| S51 | 22 | 310/54.ccls. and multiple same pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:15 |
| S52 | 1806 | 310/54.ccls. and (primary or main adj pump\$1 or (secondary or minor) adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:16 |
| S53 | 2 | 310/54.ccls. and (primary or main adj pump\$1 with (secondary or minor) adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:17 |
| S54 | 2 | 310/54.ccls. and (primary or main adj pump\$1 same (secondary or minor) adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:17 |
| S55 | 2 | 310/54.ccls. and (primary or main adj pump\$1 and (secondary or minor) adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:20 |
| S56 | 2 | ("3141416").URPN. | USPAT | OR | ON | 2007/09/02 16:19 |

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| S57 | 2 | 310/52-54.ccls. and (primary or main)adj pump\$1 and(secondary or minor) adj pump\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:20 |
| S58 | 741 | 310/52-54.ccls. and pumps | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:20 |
| S59 | 521 | 310/54.ccls. and pumps | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:21 |
| S60 | 18 | S59 and main and minor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:21 |
| S61 | 1 | S59 and main and minor adj pump | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:21 |
| S62 | 18 | S59 and main and minor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/02 16:21 |
| S63 | 21 | ("1216242" "2645730" "2970232" "2999945" "3089969" "3223864" "3487242").PN. OR ("3755702").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/02 16:28 |
| S64 | 18 | ("3318253").URPN. | USPAT | OR | ON | 2007/09/02 16:39 |

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| S65 | 5 | "6405554" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/04 09:56 |
| S66 | 4 | "6405554" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/04 09:56 |